

PRODUCT DATA SHEET

SikaPaver[®]-3937

(formerly MasterCast[®] 3937)

Block sealer for paving stones and other manufactured concrete products

DESCRIPTION

SikaPaver[®]-3937 is block sealer that has been specifically developed for the application on dry and semi-dry concrete elements.

The surface that has been treated with SikaPaver[®]-3937 is water and oil-repellent and additionally provides dirt and stain protection. SikaPaver[®]-3937 improves the color brilliancy and allows for better stability of the color.

SikaPaver[®]-3937 can be sprayed or rolled on the surface of manufactures concrete products immediately after their compaction and stripping. Once applied, the product doesn't require any special drying or curing treatment: the elements can be transferred directly to the chamber for curing, as it is normally done. Suitable for use in hot and tropical climatic conditions.

USES

SikaPaver[®]-3937 is suitable for the surface treatment of paving stones and any other type of manufactured concrete products, i.e. elements made with dry or semi-dry concrete and compacted by vibration or vibro-compression.

FEATURES

- Water-repellency
- Oil-repellency
- Stain protection
- Easy cleaning of the surface with water
- Improved color brilliancy
- Improved resistance of the surface from color fading
- Improved resistance to efflorescence

PRODUCT INFORMATION

Composition	Specially selected chemical composition
Packaging	Pails and drums
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight. Mix well before using.
Appearance and colour	Clear liquid
Density	~0.9 kg/l (+25 °C)

APPLICATION INFORMATION

Consumption	Spray	8 – 9 m ² /kg
	Roller	4 – 6 m ² /kg

Coverage depends on wind, humidity and temperature. Production tests should always be carried out to determine the optimal dosage and effect.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- The surface protection can be partially lost over the time, mainly due to abrasion; it is recommended to apply SikaPaver®-3937 again, to renew the protection effect.
- To further improve the color efficiency and strength performance, the addition of a SikaPaver® high performance plasticizing admixture is recommended.
- After application, SikaPaver®-3937 will give a matt finish look.
- SikaPaver®-3937 cannot be used as a primer.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION

SikaPaver®-3937 is a liquid product and has been sprayed or rolled on the surface of the fresh elements, immediately after their compaction and stripping. To achieve optimal results, it is very important to ensure that the spraying system allows a homogeneous and even distribution of SikaPaver®-3937 on the surface of the elements.

Please consult our Sika Technical Department.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS
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- Sika Construction Chemicals for Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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